

XVIII. *Observations on some of the Terrestrial Mollusca of the West Indies. By the Rev. Lansdown Guilding, B.A. F.L.S.*

Read December 16, 1823.

HAVING for many years been diligently employed in investigating the *Mollusca* of the Antilles and Caribbean Sea, I hope at a future period to have the happiness of presenting a systematic arrangement of them to the Linnean Society. I shall at present notice a few of the terrestrial species found in this island, the shells only of which are known. It will be seen that one of them, from ignorance of the animal, has been referred by Dr. Leach to a genus in which it cannot possibly remain. This naturalist has placed it in the genus *Carychium* of Müller, which possesses only two tentacula.

St. Vincent, September 2, 1823.

MOLLUSCA.

GASTEROPODA.

HELICINA. *Lamarck.*

Characteri generico apud Lamarckium hæc pauca addenda :

“Tentacula duo setiformia ; oculis radicalibus.”

1. *Helicina fasciata.*

H. corpore livido, dorso tentaculisque atris, oculis prominulis.

Testa flavescens, rufo-varia : labiis margineque albentibus : anfractibus sex : operculo brunneo.

Lister tab. 74. f. 73? *Edit. Huddesford* : figura rudis.

Lamarck Anim. sans Vertèbres vi. 2. p. 103.

Diam. 7 lin.

Habitat ubique in montibus sylvosis S^u Vincentii.

BULIMUS. *Scopoli, Bruguières, Lamarck.*

Char. Gen. *Leach Zool. Miscel. v. i. p. 67.*

1. *Bulimus hæmastomus.*

B. corpore olivaceo-nigro, corrugato : pede subtus pallido : capite bifariam crenato.

Testa sordida valida : anfractibus sex obliquè striatis : labiis roseis.

Bulimus hæmastomus. Lamarck Anim. sans Vert. vi. 2. p. 117.

Exempla juniora diu tenera subdiaphana epidermide fuscâ tecta, mox maturescentia epidermide remotâ pallescunt. Ova nivea, corrosa, prægrandia, ovali-elliptica ; crustâ calcareâ, vitello vitreo.

Long. 13 lin. Lat. 9 lin.

Habitat in dumetis Antillarum, hic et illic satis frequens.

BULIMULUS. *Leach. Bulimus. Lamarck.*

Characteri generico in *Zool. Miscel. tom. i. p. 41.* hæc pauca addenda : "Tentacula 4. duo superiora longa oculis terminalibus : operculum nullum." A *Bulimo* differt hocce genus labio externo tenero.

1. *Bulimulus stramineus.*

B. corpore cærulescente-flavido, corrugato : pede subtus pallido : tentaculis apice saturatoribus, oculis nigris.

Testa

Testa tenera, tota straminea, transversè obscuro-densè striata : anfractibus sex.

Habitat abundè in dumetis S^{ti} Vincentii.

Incolâ retractâ (coloribus confusis) virescit testa.

CAPRELLA. Carychium. *Leach*. Auricula. *Lam*.

Char. Gen.

Testa dextera “ ovalis, spiralis, spirâ elevato-obtusâ : anfractibus duobus ultimis maximis : os integrum elongatum : labium internum uniplicatum, infra medium cavernoso-inflexum : externum incrassatum marginatum.”

Animal tentaculis quatuor cylindricis : duobus superioribus longis : oculis terminalibus.

1. *Caprella undulata*.

C. corpore olivaceo-nigro, corrugato : pede subtus pallido : tentaculis nigris apice albentibus : capite emarginato.

Testa valida, anfractibus quinque, basilari nunc flavescente, nunc ferrugineo, fasciis brunneis obliquis undulosis : superis saturationioribus, elevato-undulatis : ore albo.

Carychium undulatum. *Leach Zool. Miscel.* i. p. 83. t. 37.

Auricula Caprella. *Lamarck Anim. sans Vert.* vi. p. 2. 140.

Habitat ubique in montibus sylvosis S^{ti} Vincentii truncis ramisque obvia.

Epidermis rugosa, nunc glauca nunc fusca. Pullus labiis simplicibus. Sæpe (quod mirum) testam viventis profundè corrosam vidimus.